

Mindy Levine

List of Publications by Year in descending order

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76
papers

2,000
citations

411340

20
h-index

299063

42
g-index

84
all docs

84
docs citations

84
times ranked

2776
citing authors

#	ARTICLE	IF	CITATIONS
1	A dipodal bimanedi-triazoleCu(II) complex serves as an ultrasensitive water sensor. <i>Chemical Communications</i> , 2022, 58, 2690-2693.	2.2	7
2	Paper-based manganese and β -cyclodextrin sensors for colorimetric sulfur dioxide detection. <i>Analytica Chimica Acta</i> , 2022, 1200, 339629.	2.6	17
3	Detection of Human Growth Hormone (hGH) via Cyclodextrin-Promoted Fluorescence Modulation. <i>Analytical Letters</i> , 2021, 54, 1871-1880.	1.0	2
4	Fluorescence-Based Sensing of Pesticides Using Supramolecular Chemistry. <i>Frontiers in Chemistry</i> , 2021, 9, 616815.	1.8	36
5	Ronald C.D. Breslow (1931-2017): A career in review. <i>Bioorganic Chemistry</i> , 2021, 115, 104868.	2.0	1
6	Facile Iodine Detection via Fluorescence Quenching of β -Cyclodextrin:Bimane-Ditriazole Inclusion Complexes. <i>Israel Journal of Chemistry</i> , 2021, 61, 253-260.	1.0	8
7	Sonication-Induced, Solvent-Selective Gelation of a 1,8-Naphthalimide-Conjugated Amide: Structural Insights and Pollutant Removal Applications. <i>ACS Omega</i> , 2021, 6, 32722-32729.	1.6	3
8	Highly Sensitive Water Detection Through Reversible Fluorescence Changes in a syn-Bimane Based Boronic Acid Derivative. <i>Frontiers in Chemistry</i> , 2021, 9, 782481.	1.8	4
9	Detection of Potentially Toxic Additives in Electronic Cigarettes and Cigarette Flavours. <i>Analytical Letters</i> , 2020, 53, 1407-1415.	1.0	2
10	Thermogravimetric analysis of aromatic boronic acids for potential flame retardant applications. <i>Thermochimica Acta</i> , 2020, 683, 178476.	1.2	13
11	Use of β -cyclodextrin to Promote Clean and Environmentally Friendly Disinfection of Phenolic Substrates via Chlorine Dioxide Treatment. <i>Frontiers in Chemistry</i> , 2020, 8, 641.	1.8	3
12	Efficient Detection and Removal of Polycyclic Aromatic Hydrocarbons Using Cyclodextrin-Modified Cellulose. <i>ChemPlusChem</i> , 2020, 85, 1730-1736.	1.3	4
13	Highly sensitive detection of cobalt through fluorescence changes in β -cyclodextrin-bimane complexes. <i>Chemical Communications</i> , 2020, 56, 12126-12129.	2.2	16
14	Ultrasensitive Detection of Nitrite through Implementation of N-(1-Naphthyl)ethylenediamine-Grafted Cellulose into a Paper-Based Device. <i>ACS Sensors</i> , 2020, 5, 1207-1215.	4.0	39
15	Enhanced Characterization of Pyrene Binding in Mixed Cyclodextrin Systems via Fluorescence Spectroscopy. <i>Journal of Fluorescence</i> , 2020, 30, 1015-1023.	1.3	9
16	Detection of anabolic steroids via cyclodextrin-promoted fluorescence modulation. <i>RSC Advances</i> , 2020, 10, 25108-25115.	1.7	4
17	Investigation of the Adulteration of Essential Oils by GC-MS. <i>Current Analytical Chemistry</i> , 2020, 16, 965-969.	0.6	15
18	Efficient Detection of Phthalate Esters in Human Saliva via Fluorescence Spectroscopy. <i>Analytical Letters</i> , 2019, 52, 479-495.	1.0	6

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19	Design, Implementation, and Evaluation of Paper-Based Devices for the Detection of Acetaminophen and Phenacetin in an Advanced Undergraduate Laboratory. <i>Journal of Chemical Education</i> , 2019, 96, 1719-1726.	1.1	7
20	Colorimetric Detection of Aliphatic Alcohols in β -Cyclodextrin Solutions. <i>ACS Omega</i> , 2019, 4, 18361-18369.	1.6	10
21	Identification of 15 Phthalate Esters in Commercial Cheese Powder via Cyclodextrin-Promoted Fluorescence Detection. <i>ACS Omega</i> , 2019, 4, 17009-17015.	1.6	6
22	Fluorescence-Based Detection of Benzene, Toluene, Ethylbenzene, Xylene, and Cumene (BTEXC) Compounds in Fuel-Contaminated Snow Environments. <i>Chemosensors</i> , 2019, 7, 5.	1.8	3
23	A polycationic pillar[5]arene for the binding and removal of organic toxicants from aqueous media. <i>Supramolecular Chemistry</i> , 2019, 31, 545-557.	1.5	6
24	Effects of Structural Variation in Conjugated Side Chains on the Photophysics of Conjugated Polymers in Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4604-4610.	1.2	1
25	Colorimetric detection of polycyclic aromatic hydrocarbons using supramolecular cyclodextrin dimer-squaraine constructs. <i>Supramolecular Chemistry</i> , 2019, 31, 211-219.	1.5	7
26	Supramolecular Luminescent Sensors. <i>Chemical Reviews</i> , 2019, 119, 322-477.	23.0	520
27	Sweet, Sweet Science: Addressing the Gender Gap in STEM Disciplines through a One-Day High School Program in Sugar Chemistry. <i>Journal of Chemical Education</i> , 2018, 95, 1316-1322.	1.1	21
28	Synthetic β -Cyclodextrin Dimers for Squaraine Binding: Effect of Host Architecture on Photophysical Properties, Aggregate Formation and Chemical Reactivity. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1964-1974.	1.2	15
29	Cyclodextrin-Promoted Fluorescence Detection of Aromatic Toxicants and Toxicant Metabolites in Commercial Milk Products. <i>Food Analytical Methods</i> , 2018, 11, 2419-2430.	1.3	6
30	Efficient fluorescence detection of aromatic toxicants and toxicant metabolites in human breast milk. <i>Supramolecular Chemistry</i> , 2018, 30, 267-277.	1.5	12
31	Fabrication of poly (4,4'-oxybisbenzenamine) and its conjugated copolymers initiated by easily accessible carbon dots. <i>European Polymer Journal</i> , 2018, 109, 153-161.	2.6	17
32	Novel Fluorescent Fluorene-Containing Conjugated Polymers: Synthesis, Photophysical Properties, and Application for the Detection of Common Bisphenols. <i>Synlett</i> , 2018, 29, 2515-2522.	1.0	3
33	Environmental Application of Cyclodextrin Metal-Organic Frameworks in an Undergraduate Teaching Laboratory. <i>Journal of Chemical Education</i> , 2018, 95, 1636-1641.	1.1	18
34	Detection of bisphenol A and derivatives in human urine via cyclodextrin-promoted fluorescence modulation. <i>Analytical Methods</i> , 2018, 10, 3783-3790.	1.3	17
35	A highly versatile fluorenone-based macrocycle for the sensitive detection of polycyclic aromatic hydrocarbons and fluoride anions. <i>RSC Advances</i> , 2017, 7, 28489-28493.	1.7	15
36	Array-based detection of isomeric and analogous analytes employing synthetically modified fluorophore attached β -cyclodextrin derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 14431-14437.	1.4	8

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37	Detection of Organochlorine Pesticides in Contaminated Marine Environments via Cyclodextrin-Promoted Fluorescence Modulation. ACS Omega, 2017, 2, 8591-8599.	1.6	22
38	Towards Rational Chemosensor Design through Improved Understanding of Experimental Parameter Variation and Tolerance in Cyclodextrin-Promoted Fluorescence Detection. Chemosensors, 2017, 5, 34.	1.8	8
39	Cyclodextrin-Promoted Detection of Aromatic Toxicants and Toxicant Metabolites in Urine. Analytical Chemistry Letters, 2016, 6, 345-353.	0.4	10
40	Solvent effects in the extraction and detection of polycyclic aromatic hydrocarbons from complex oils in complex environments. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 84, 61-70.	0.9	7
41	Sensitive and selective detection of alcohols via fluorescence modulation. Supramolecular Chemistry, 2016, 28, 881-891.	1.5	16
42	Detection of Benzene and Alkylated Benzene Derivatives in Fuel Contaminated Environments. Clean - Soil, Air, Water, 2016, 44, 1621-1627.	0.7	11
43	Turn-on detection of pesticides via reversible fluorescence enhancement of conjugated polymer nanoparticles and thin films. New Journal of Chemistry, 2016, 40, 7273-7277.	1.4	15
44	Environmentally friendly procedure for the aqueous oxidation of benzyl alcohols to aldehydes with dibromodimethylhydantoin (DBDMH) and cyclodextrin: Scope and mechanistic insights. Synthetic Communications, 2016, 46, 636-644.	1.1	10
45	Selective detection of non-aromatic pesticides via cyclodextrin-promoted fluorescence modulation. New Journal of Chemistry, 2016, 40, 789-793.	1.4	24
46	Rationally Designed Supramolecular Organic Hosts for Benzo[<i>a</i>]pyrene Binding and Detection. European Journal of Organic Chemistry, 2015, 2015, 6194-6204.	1.2	7
47	Efficient extraction and detection of aromatic toxicants from crude oil and tar balls using multiple cyclodextrin derivatives. Marine Pollution Bulletin, 2015, 95, 242-247.	2.3	19
48	2-Hydroxypropyl beta-cyclodextrin for the enhanced performance of dual function extraction and detection systems in complex oil environments. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 81, 341-346.	0.9	11
49	Cyclodextrin-promoted Diels Alder reactions of a polycyclic aromatic hydrocarbon under mild reaction conditions. Tetrahedron Letters, 2015, 56, 1619-1623.	0.7	10
50	Array-based detection of persistent organic pollutants <i>via</i> cyclodextrin promoted energy transfer. Chemical Communications, 2015, 51, 11615-11618.	2.2	43
51	Highly efficient detection of hydrogen peroxide in solution and in the vapor phase via fluorescence quenching. Chemical Communications, 2015, 51, 7061-7064.	2.2	21
52	Rapid and efficient pesticide detection via cyclodextrin-promoted energy transfer. Analyst, The, 2015, 140, 7503-7507.	1.7	17
53	Addressing the STEM Gender Gap by Designing and Implementing an Educational Outreach Chemistry Camp for Middle School Girls. Journal of Chemical Education, 2015, 92, 1639-1644.	1.1	55
54	Detection of Medium-Sized Polycyclic Aromatic Hydrocarbons via Fluorescence Energy Transfer. Polycyclic Aromatic Compounds, 2014, 34, 561-572.	1.4	18

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55	Cyclodextrin-promoted energy transfer for broadly applicable small-molecule detection. <i>Supramolecular Chemistry</i> , 2014, 26, 714-721.	1.5	21
56	A green bromination method for the synthesis of benzylic dibromides. <i>Tetrahedron Letters</i> , 2014, 55, 4905-4908.	0.7	10
57	Highly efficient non-covalent energy transfer in all-organic macrocycles. <i>Chemical Communications</i> , 2013, 49, 8259.	2.2	15
58	Synthesis of a Fluorescent Conjugated Polymer in the Undergraduate Organic Teaching Laboratory. <i>Journal of Chemical Education</i> , 2013, 90, 1376-1379.	1.1	9
59	Cyclodextrin-Enhanced Extraction and Energy Transfer of Carcinogens in Complex Oil Environments. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11951-11957.	4.0	26
60	Sensitive and selective detection of cesium via fluorescence quenching. <i>Dalton Transactions</i> , 2013, 42, 16276.	1.6	34
61	Efficient detection of polycyclic aromatic hydrocarbons and polychlorinated biphenyls via three-component energy transfer. <i>Chemical Communications</i> , 2013, 49, 4821.	2.2	37
62	Chiral cationic polyamines for chiral microcapsules and siRNA delivery. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5919-5922.	1.0	2
63	Two polymorphs of 1,8-dichloroanthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 199-203.	0.4	3
64	Highly efficient quenching of nanoparticles for the detection of electron-deficient nitroaromatics. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4150-4155.	2.5	22
65	Fluorophores, Fluorescent Polymers, and Energy Transfer in an Undergraduate Laboratory Setting. <i>ACS Symposium Series</i> , 2012, , 27-49.	0.5	0
66	Fluorescent detection of polycyclic aromatic hydrocarbons in ternary cyclodextrin complexes. <i>Supramolecular Chemistry</i> , 2012, 24, 743-747.	1.5	23
67	Synthesis of a Near-Infrared Emitting Squaraine Dye in an Undergraduate Organic Laboratory. <i>Journal of Chemical Education</i> , 2012, 89, 1186-1189.	1.1	15
68	Biomimetic Catalysis. <i>ACS Catalysis</i> , 2011, 1, 1090-1118.	5.5	217
69	Imitating Prebiotic Homochirality on Earth. <i>Origins of Life and Evolution of Biospheres</i> , 2010, 40, 11-26.	0.8	30
70	Photoluminescent energy transfer from poly(phenyleneethynylene)s to near-infrared emitting fluorophores. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3382-3391.	2.5	21
71	Synthesis and catalytic properties of diverse chiral polyamines. <i>Tetrahedron Letters</i> , 2008, 49, 5746-5750.	0.7	16
72	Enantioselective Synthesis and Enantiomeric Amplification of Amino Acids under Prebiotic Conditions. <i>Organic Letters</i> , 2008, 10, 2433-2436.	2.4	53

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73	Partial transfer of enantioselective chiralities from $\hat{\text{L}}\pm$ -methylated amino acids, known to be of meteoritic origin, into normal amino acids. <i>Tetrahedron Letters</i> , 2006, 47, 1809-1812.	0.7	15
74	Water Exclusion and Enantioselectivity in Catalysis. <i>ChemBioChem</i> , 2006, 7, 1491-1496.	1.3	32
75	Amplification of enantiomeric concentrations under credible prebiotic conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12979-12980.	3.3	130
76	Age and Family History at Presentation of Pediatric Inflammatory Bowel Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2003, 37, 609-613.	0.9	60